

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/015642

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ H04L12/56, H04Q7/22, H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H04L12/56, H04Q7/22, H04Q7/38

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-2004 Jitsuyo Shinan Toroku Koho 1996-2004
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Rélevant to claim No.
X	JP 2002-290445 A (Seiko Epson Corp.), 04 October, 2002 (04.10.02), Claim 1; Par. Nos. [0020], [0105]; all drawings (Family: none)	1-9
P, A	JP 2004-304399 A (NEC Corp.), 28 October, 2004 (28.10.04), Full text; all drawings & US 2004/0192221 A1 & EP 1465451 A2	1-9
A	JP 2002-199426 A (Denso Corp.), 12 July, 2002 (12.07.02), Full text; all drawings & US 2002/0080778 A1 & EP 1217791 A2	1-9

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"&" document member of the same patent family

Date of the actual completion of the international search
09 November, 2004 (09.11.04)Date of mailing of the international search report
22 November, 2004 (22.11.04)Name and mailing address of the ISA/
Japanese Patent Office

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